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PATENT APPLICATION

1762 #3  
KG  
7-17-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Saim, S. et al

Appln. No.: 09/774,232

Group Art Unit: 1762

Confirmation No.: 1125

Examiner:

Filed: 01/30/2001

Attny Docket No.: 9/186

For: Material processing by repeated solvent expansion-contraction

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend the application as follows:

**IN THE SPECIFICATION:**

**CLEAN COPY OF SPECIFICATION AMENDMENTS**

At page 3, lines 3 through 16, delete the paragraph and replace with the following paragraph:

--Rapid expansion of a supercritical fluid typically results in very large supersaturation ratios (Mohamed *et al.*, 35 AICHE Journal 325 - 328, 1989). It is also reported that crystals of various solid substances can be grown in good morphological quality by dissolving the solid substance in a subcritical or supercritical fluid at high pressure, and then slowly, and gradually decreasing the pressure while minimizing heat transfer between the solid-solution system and its environment (See, e.g., U.S. Patent No. 4,512,846). RESS re-crystallization techniques have been used to recrystallize a number of compounds, including pharmaceutical preparations (See, e.g., U.S. Patent No. 4,978,752 with respect to crystals of cephem hydrochloride). Such technique has also been used to deposit coatings and films on substrates (See, e.g., U.S. Patent No. 4,582,731) which discloses methods for solid film deposition and fine powder formation